

Midville, Georgia:
Earlier Maturity Cotton Variety Performance, 2006, Irrigated

Variety	Lint Yield lb/acre	Lint %	Uniformity		Length* inches	Strength* g/tex	Micronaire* units
			Index*	%			
DP 434 RR	1914	43.7	83.8		1.17	27.8	4.1
PHY370WR	1862	44.4	83.7		1.12	30.8	4.6
ST 4575BR	1862	42.0	83.3		1.11	29.6	4.6
DP 454 BG/RR	1836	45.2	83.2		1.13	30.8	4.3
ST4700B2RF	1817	41.7	83.8		1.13	27.6	4.3
GA2002212	1806	47.3	83.5		1.15	33.9	4.7
DP 444 BG/RR	1799	43.7	82.9		1.11	29.0	4.1
DP 455 BG/RR	1798	45.0	81.9		1.13	31.8	4.3
GA2003156	1784	44.5	84.1		1.15	33.9	5.1
CG4020B2RF	1762	41.3	83.6		1.18	28.7	4.0
CG3520B2RF	1758	40.7	83.6		1.17	27.9	4.3
FM960BR	1757	42.2	82.8		1.13	34.3	4.5
DP 393	1747	41.6	83.9		1.15	31.0	4.6
DP 445 BG/RR	1737	42.9	83.3		1.12	30.2	4.4
PHY480WR	1733	42.6	84.6		1.15	31.5	4.8
DynaGro 2520B2RF	1722	40.7	82.3		1.17	28.9	4.2
DPLX06W650F	1705	43.1	84.0		1.16	31.4	4.4
GA2002209	1700	44.2	83.7		1.14	30.1	4.9
BW-4630B2F	1699	40.7	82.4		1.16	28.4	4.2
ST 4664RF	1689	43.2	83.6		1.14	30.2	4.7
DP 110 RF	1679	43.3	83.9		1.17	35.1	4.4
ST4427B2RF	1672	43.3	82.9		1.14	30.5	4.3
GA2002167	1645	43.8	83.6		1.13	34.4	4.9
DP 121 RF	1639	42.6	84.2		1.16	30.4	4.7
PHY425RF	1637	42.3	84.5		1.18	32.6	4.5
PHY310R	1635	44.7	84.2		1.10	30.8	4.6
DynaGro 2242B2/RF	1631	41.2	83.3		1.14	26.9	4.3
ST 4357B2RF	1621	42.1	84.0		1.18	28.1	4.5
ST 5242BR	1617	44.3	83.2		1.12	29.1	4.4
FM9068F	1612	42.2	83.8		1.26	31.7	4.2
FM966LL	1596	42.3	83.9		1.14	35.9	4.8
DP 143 B2RF	1590	42.1	82.3		1.22	28.1	3.8
BW-4021B2F	1581	37.8	82.9		1.12	27.6	3.8
DP 432 RR	1575	44.1	84.4		1.14	29.5	4.8
CG3020B2RF	1562	40.4	83.1		1.13	27.7	4.1
PHY470WR	1560	42.6	84.0		1.13	31.2	4.7
DX25105N	1548	46.5	82.9		1.15	30.5	4.8
DynaGro 2100B2RF	1547	38.3	83.6		1.13	28.4	4.0
FM960B2R	1545	41.5	83.7		1.20	35.0	4.5
ST 4554B2RF	1542	42.1	82.9		1.15	29.9	4.7
BW-2038B2F	1524	40.4	83.9		1.13	27.4	4.7
FM9060F	1520	43.8	83.3		1.20	30.6	4.5
PHY485WRF	1503	41.7	84.5		1.15	31.1	4.8
DP 147 RF	1487	41.2	84.2		1.24	32.9	4.0
FM965LLB2	1463	39.8	85.2		1.17	36.6	4.7
BW-3255B2F	1430	37.0	82.3		1.10	29.6	3.7
FM9063B2F	1424	41.1	83.7		1.23	31.1	4.1
DynaGro 060642B2/RF	1381	37.5	83.3		1.11	27.9	3.8
DP 117 B2RF	1358	42.2	83.9		1.19	33.8	4.3
BW-8391B2F	1191	37.9	83.6		1.21	28.7	4.1
Average	1636	42.2	83.5		1.15	30.6	4.4
LSD 0.10	276	1.1	1.2		0.04	2.2	0.5
CV %	14.4	2.2	0.8		2.11	4.3	6.5

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(Continued)

* A random quality sample was taken on the picker during cotton harvest.

Bolding indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 1, 2006.

Harvested: September 26, 2006.

Soil Type: Dothan sandy loam.

Fertilization: 103 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

Management: Temik 15G applied 5 lb/acre and Telone II applied 3 gal/acre.

	May	June	July	Aug.	Sept.
Rainfall (in):	1.62	5.85	1.12	2.00	1.58
Irrigation (in):	0.75	1.50	3.75	1.50	0.0

Trials conducted by Larry Thompson and Rick Jackson.